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THE OHIO MINING JOURNAL

AUGUST 15, 1885.

PROCEEDINGS OF THE OHIO INSTITUTE OF MINING ENGINEERS.—SUMMER MEETING.

The Summer Meeting of the Ohio Institute of Mining Engineers was held at Jackson, Ohio, beginning June 16th, in accordance with previous announcement.

The Isham House was made headquarters, and was very appropriately decorated inside with the actual working tools of the Mining Engineer and Miner, viz.: Transits, Chains and Steel Tapes, Picks, Shovels, Forks, Drills, Lamps, etc.

The sessions were all held in the comfortable and commodious new Council Chamber, which had been provided through the local committee and citizens. The opening session was held at 7:15 P. M., at which time the meeting was called to order by President McMillin.

Roll was called, and minutes of last meeting read by the Secretary and approved. Andrew Roy read a letter from Hon. H. S. Bundy, regretting exceedingly his inability (owing to very unexpected business demands) to meet the Institute and welcome it to Jackson, as had been provided and announced in the programme.

Mr. — Moore, of Jackson, was substituted to fill Mr. Bundy's place, and in behalf of the citizens of Jackson welcomed the Institute to their midst in a few appropriate remarks, to which President McMillin responded, thanking the citizens for their cordial welcome.

Prof. Edward Orton then delivered a popular lecture on Ohio Geology. The lecture was listened to with the very deepest interest by all present.

The next session was held, beginning at 8:30 A. M., June 17th, and, immediately after being called to order, the President read the following proposed changes in the Constitution, which were adopted:

Sec. 2, of Art. III, changed so as to read: "Any person of eminent scientific or practical attainments may become an hon-

orary member of the Institute, if, at the annual meeting, he be duly proposed *by the Executive Committee*, and on balloting he receive the unanimous vote of the Institute."

Sec. 1, of Art. IV, changed so as to read: "The officers of the Institute shall consist of a President, Vice-President, Secretary, Treasurer, and Executive Committee *composed of the President, Secretary* and three members to be elected."

The following papers were then read and discussed:

"Natural Gas," by Emerson McMillin, Columbus, Ohio.

"The Lower Two Hundred Feet of the Coal Measures of Jackson County," by Andrew Roy, Glen Roy, O.

"Review of Andrew Roy's Review of Prof. Orton's Discussion of the No. 1 (or Sharon) Coal Seam," by Anthony Howells, Massillon, O.

"The Advantage in the Use of the Diamond Drill," by John A. Mullin, Floodwood, O.

Neither Mr. Howells nor Mr. Mullin being present, the former's paper was read by W. H. Jennings, and the latter's by the Secretary.

The afternoon session was held beginning at 2 p. m. A paper, by Wm. Job and Joseph Hemingway, on "Longwall System of Mining, and its adaptability in the Hocking Valley Coal Fields," and a paper by Thomas Middleton, on "The Effect of Working Coal No. 6 before Mining those Seams Lying Above It," were next on the programme, but neither the authors nor papers were present.

Notwithstanding this fact, President McMillin introduced these two important subjects for discussion, and a lengthy and spirited one was had, being participated in by a very large number of the members present.

The Secretary then read a brief synopsis of a paper he expected, but failed to have ready for the meeting, on "The Hocking Valley Sandstone as a Building Material."

A paper on "Ore Mining in Lawrence County" was then read by W. H. Jennings, in the absence of the author, Mr. James E. Lauton, of Ironton.

Mr. Robert A. Kirker, of Ironton, O., had on exhibition, during the sessions of the Institute, a map section of the Belfont Gas Well, recently bored at Ironton, to the depth of over 2,100 feet. It was a very commendable piece of work, from both geological and engineering stand points; it was examined with much interest, and discussed by many of the members, Professor Orton praising it very highly, saying he valued it beyond words to express, etc.

Mr. Henry Price, of Jackson, O., had prepared a paper on

"Iron Making," but owing to its length, and the fact that Mr. Price could not see sufficiently well to read it after night, by artificial light, without injury to his eyes, it was necessarily passed.

A paper by Wm. Smurthwaite, of Steubenville, on "Coal Mining," had been forwarded to Mr. Roy sometime before the meeting, but Mr. Roy had forgotten to bring it with him to the meeting.

A vote of thanks was tendered Professor Orton for his instructive and interesting lecture, and to Robert A. Kirker for the exhibition of the Belfont Gas Well Map, and to each of the authors of papers, and for their productions.

The following persons were elected to membership, they having properly filled the blank application prepared by the Secretary, and complied with the other requirements of the Constitution:

H. R. SACKETT.....	Manager Morris Coal Co. Works	Sand Run, O.
JONAS L. MITCHELL.....	Mechanical Engineer	Logan, O.
WALTER CRAFTS.....	President C. & H. C. & I. Co	Columbus, O.
FRANK R. ALLEN.....	Supt. Nelsonville Coal and Coke Co.....	Nelsonville, O.
ANTHONY HOWELLS.....	Coal Operator	Massillon, O.
L. R. DOTY.....	President Ohio Coal Exchange.....	Columbus, O.
J. HEMINGWAY.....	Mine Manager	Longstreth, O.
WM. D. HAMILTON.....	Coal Operator	Athens, O.
JOHN M. JAMES.....	Mine Superintendent.....	Jackson, O.
MORRIS L. STEMBERGER.....	Coal Operator	Jackson, O.
ISAAC BROWN.....	Furnaceman	Jackson, O.
LEWIS V. BROWN.....	Blast Furnace Manager.....	Jackson, O.
H. L. CHAPMAN.....	Coal Operator and Furnaceman	Jackson, O.
WM. DALRYMPLE.....	District Inspector of Mines	Nelsonville, O.
H. S. WILLARD.....	Iron Manufacturer.....	Wellston, O.
ROBERT A. KIRKER.....	Mining Engineer	Ironton, O.
JOHN C. H. COBB.....	Coal Operator.....	Wellston, O.
JOHN J. C. EVANS.....	Coal Operator.....	Jackson, O.

Messrs. Frank R. Allen, J. R. C. Brown and J. L. Mitchell were appointed by the President to prepare appropriate resolutions of thanks to the local committee of arrangements, citizens of Jackson and the Isham House, submitted the following, which was unanimously adopted:

Resolved, That the thanks of the Ohio Institute of Mining Engineers assembled at Jackson, O., are due, and are hereby tendered to the Local Committee of Arrangements, the Mayor and Council, the citizens of Jackson and the landlord of the Isham House for the very complete arrangements for our accommodation and entertainment and for making our stay in the city so pleasant and entertaining.

The following members having requested to withdraw from the Institute were, by vote of the Institute, permitted to do so:

JOHN ACKLEY.....	Athens, O.
W. A. SHOEMAKER	Columbus, O.
JAMES DUFFY.....	Steubenville, O.
A. D. SELBY.....	Columbus, O.
A. B. CORNELL.....	Youngstown, O.
THOMAS E. THOMAS	Vienna, O.

Mr. Roy stated that the Ohio Southern R. R. Co. tenders the Institute a special train for to-morrow to visit the different mines along its line of road between Jackson and Wellston and wished to know the pleasure of the Institute as to time of starting, whereupon the Institute fixed the time at 8:30 A. M. and adjourned to meet at the Ohio Southern depot at that time.

At 8:30 A. M., June 18th, about 35 members and citizens of Jackson boarded the special train of the Ohio Southern R. R. Co. and started on a tour of sight seeing and inspection of the various mines along its line of road between Jackson and Wellston. Stops were made at the Diamond mine and the Springfield mine and hasty examinations made of their hoppers and chests. Then the Ada switch was visited and the several mines located on it viewed from the train as it passed, not having time to get out and look around. Train made a stop at Coalton, but too brief to make any examination into the various mines located at this place. Then a run was made to Glen Roy, where a stop of several minutes was made and the Standard Coal Co.'s mine under the charge of Mr. Moses Morgan examined by going down the shaft and through the mine where the work of mining was being carried on. The next stop was made at the Franklin Coal Co.'s shaft in charge of Mr. John Phillips. The ventilating here is done by a fan made at Brazil, Indiana, and the case is so arranged that by changing of doors, which can be done in a moment or two, the ventilating current is carried through the mine either by suction or force; a very convenient arrangement, especially for shaft mines. This fan was examined by many of the members with very great interest.

A trip down the shaft into and through the mine was then made by most of the members. Upon returning to the train, and before departing for Wellston, the following resolution was unanimously adopted.

Resolved, That we, the Ohio Institute of Mining Engineers, tender our thanks to the Ohio Southern Railroad Company and Managers, for furnishing us a special train, and to Paul J. Murphy, General Agent, for his kindness and attention in conducting us during our visit to the various mines between Jackson and Wellston.

The hour being late no other stops were made, but the train proceeded direct to Wellston, where dinner was taken at the

Bundy House, after which the train was again taken and run to the Ohio Southern Coal and Iron Company's mine, No. 3, where the members interested themselves in examining the machinery and mine. Returned to Wellston at 3 P. M., when the members separated for their several homes, the verdict being that this was professionally the most profitable, and socially the most pleasant meeting ever held by the Institute.

It was the intention to have a stenographer at this meeting, and President McMillin had perfected arrangements for one to attend, but just at the time of meeting, sickness of other parties kept him away, and consequently the discussions, which were pretty general and thorough of each paper read, were not preserved, the Institute thus losing a lot of very valuable matter.

The attendance was very large, a register kept by the direction of the Secretary shows seventy-two persons to have been in attendance.

R. S. WEITZELL, Secretary.